



PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

APRIL 1983

(March Data)

Vol. XXVIII No. 4

**JOB
SERVICE**

- EXPLANATORY -

INDUSTRY EMPLOYMENT

Employment data refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives".

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.

Refer queries, in writing, to:

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PENNSYLVANIA EMPLOYMENT AND EARNINGS FOR
APRIL 1983
(March Data)

STATE RESIDENT EMPLOYMENT AND UNEMPLOYMENT DECLINE DURING MONTH

In March, the number of Pennsylvania residents working and not working declined. The same pattern occurred a year ago during the first quarter and was followed by five consecutive months of increasing employment. During that period, Pennsylvania followed the uptrend in national employment. The same upward thrust could occur in 1983 as firms that have curtailed their inventories over the past few quarters now must restock, which would help producers.

The number of employed residents in March was 4,571,000, down 39,000 from February, and 225,000 less than March and December, each of which had an employment level of 4,823,000.

March unemployment, unadjusted for seasonal factors, was 736,000--down 23,000 from February. The unadjusted rate dropped to 13.9 percent from the previous month's 14.1 percent. This was the second consecutive month the state's unadjusted unemployment rate declined. It was also the eighth consecutive month the state rate has followed the national trend.

Seasonally adjusted unemployment of 719,000 was 3,000 higher than February, and the rate rose from 13.2 percent to 13.4 percent. The adjusted rate for December was 12.6 percent.

Nationally, the unadjusted rate of unemployment in March was 10.8, a small decrease over the previous month's 11.3 percent. The seasonally adjusted rate moved down to 10.3 percent from February's 10.4 percent.

NONAGRICULTURAL EMPLOYMENT UP
JOB GAINS IN NONMANUFACTURING AND MANUFACTURING

Total nonagricultural wage and salary employment in March was 4,403,200, including 4,300 persons involved in labor-management disputes. This was a 33,300 employment gain over February, but 181,000 less than a year ago. Nonmanufacturing employment climbed to 3,319,700, a 29,100 job gain over the previous month. Manufacturing had a 6,900 employment increase, to 1,079,200. March's nonagricultural wage and salary employment was down 75,800 jobs from December. The bulk of this job loss was in manufacturing and was due to a national slow-up in capital goods orders both in February and March.

NONMANUFACTURING. Employment in nonmanufacturing, which accounted for more than three-fourths of the March nonfarm job upturn, rose on the strength of gains in services, 9,700; retail trade, 7,900; contract construction, 4,500; and the government sector, 4,200. Seven of the eight nonmanufacturing categories had over-the-month employment gains, with one category unchanged.

Since the end of the fourth quarter of 1982, nonmanufacturing employment declined by 64,500 jobs. The bulk of the job loss was in contract construction, 16,700; and retail trade, 37,000. These seasonal dropoffs should diminish during the second quarter of 1983.

MANUFACTURING. Employment in Pennsylvania's manufacturing industries totaled 1,079,200 in March, 6,900 above February. Nondurable goods had a 3,800 job increase, and durable goods rose by 3,100. The leading job gainer in durable goods was primary metals with an increase of 3,000 over the month. The stimulus for this upturn was a recall of 1,900 workers in basic steel. Of the 10 durable goods categories, seven had mixed employment gains and three had job losses, the largest, 2,100, occurring in nonelectrical machinery.

Durable goods employment in March was 12,500 lower than at the end of the fourth calendar quarter. Three industries were responsible for the bulk of the job loss: Fabricated metal products, -2,200; machinery, except electrical, -6,200; and electric and electronic products, -1,600. Primary metal industries had a job loss of 500.

The March nondurable goods job level climbed to 467,500, a 3,800 gain over February. Seven nondurable goods categories had employment gains over the month. The largest, 1,800, was posted by the apparel industry. This was the third consecutive month that the apparel industry had a job increase. Tobacco products, chemical products and leather products had no employment change over the month.

Nondurable goods employment in March was 100 less than in December. Leading the employment advance was apparel, up 5,000; paper products, 400; and leather products, 200. The greatest employment loss was in food products, down 4,100 jobs. This is due to seasonal factors, such as a 1,300 drop in preserved fruits and vegetables and a 500 drop in beverages.

MANUFACTURING HOURS AND EARNINGS
UP FOR THE MONTH AND THE QUARTER

In March the average workweek of factory production workers climbed to 38.9 hours, a 2.1-hour increase over February and a slight increase over a year ago. This increase in the workweek could indicate that some industries are beginning to build inventories. Average hourly earnings at \$8.85 were slightly above February's \$8.83. Average weekly earnings of factory workers rose to \$344.27, a \$19.33 increase over the previous month.

Average weekly hours for durable goods rose to 39.8 hours, a 2-hour increase over the previous month and a gain over a year ago. Average hourly earnings gained three cents over the month, to \$9.84 an hour. Due to the positive movement in hours and hourly earnings, weekly earnings increased to \$391.63, a \$20.81 gain over the month.

The average workweek for nondurable goods industries rose from 35.5 hours in February to 37.7 hours in March. Hourly earnings slipped a bit, dropping to \$7.57, a one-cent loss over the month. However, the increase in the workweek pushed weekly earnings to \$285.39, well above February's \$269.09.

Average weekly manufacturing earnings in March were \$4.20 above the \$340.07 in December. Hourly earnings in March showed a 4-cent gain over December's \$8.81. The average workweek during the month was slightly longer than December, the end of the fourth quarter.

UNEMPLOYMENT RATE DROPS IN NINE LABOR MARKET AREAS
NONMANUFACTURING EMPLOYMENT GAINS IN THIRTEEN AREAS

The March unemployment rate (not seasonally adjusted) among the 14 major labor market areas varied from a high of 24.6 percent in Johnstown to a low of 8.1 percent in Harrisburg. Nine of the areas had unemployment rate decreases and five had unemployment rate increases over the month. The unemployment rate in seven labor market areas was below the state's 13.9 percent rate, and seven areas had rates that exceeded the state average. Three areas had unemployment rates below the national average of 10.8 percent. They were Harrisburg, Lancaster and Philadelphia.

In March, four labor market areas, Johnstown, Williamsport, Allentown, and Erie, had drops in manufacturing employment. State College was the only area to have a drop in nonmanufacturing employment in March. It was due to a decline in state and local government jobs. Erie's nonmanufacturing sector had no change over the month. The largest job gains in nonmanufacturing employment were in Philadelphia, with 12,400, and Pittsburgh, with 6,500. In the manufacturing category Pittsburgh had the largest employment gain--3,700.



Table I. Resident Employment, Unemployment and Unemployed Rate
(Thousands)

PENNSYLVANIA						UNITED STATES				
Year	Civilian Labor Force	Em- ployment	Unem- ployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Em- ployment	Unem- ployment	Rate %	Seasonally Adjusted Rate %
1967	4,637	4,467	170	3.7		77,347	74,372	2,975	3.8	
1968	4,634	4,475	159	3.4		78,737	75,920	2,817	3.6	
1969	4,720	4,566	154	3.3		80,734	77,902	2,832	3.5	
1970	4,830	4,612	218	4.5		82,771	78,678	4,093	4.9	
1971	4,813	4,553	261	5.4		84,382	79,367	5,016	5.9	
1972	4,884	4,620	265	5.4		87,034	82,153	4,882	5.6	
1973	4,999	4,756	242	4.8		89,429	85,064	4,365	4.9	
1974	5,052	4,792	259	5.1		91,949	86,794	5,156	5.6	
1975	5,096	4,672	423	8.3		93,775	85,846	7,929	8.5	
1976	5,127	4,721	407	7.9		96,158	88,752	7,406	7.7	
1977	5,205	4,804	401	7.7		99,009	92,017	6,991	7.1	
1978	5,303	4,936	367	6.9		102,251	96,048	6,202	6.1	
1979	5,358	4,988	370	6.9		104,962	98,824	6,137	5.8	
1980	5,433	5,008	425	7.8		106,940	99,303	7,637	7.1	
1981	5,482	5,024	458	8.4		108,670	100,397	8,273	7.6	
1982	5,482	4,883	599	10.9		110,204	99,526	10,678	9.7	
1983 Jan.	5,407	4,603	804	14.9	13.6	109,779	97,262	12,517	11.4	10.4
Feb.	5,369	4,610	759	14.1	13.2	109,647	97,265	12,382	11.3	10.4
Mar.	5,307	4,571	736	13.9	13.4	109,873	97,994	11,879	10.8	10.3
1982										
1st Qtr.	5,419	4,815	603	11.1	10.3	108,366	98,083	10,284	9.5	8.8
2nd Qtr.	5,424	4,875	549	10.1	10.3	110,099	99,833	10,267	9.3	9.4
3rd Qtr.	5,550	4,960	590	10.6	11.0	111,653	100,839	10,814	9.7	10.0
4th Qtr.	5,532	4,880	652	11.8	12.1	110,700	99,351	11,349	10.3	10.7
1983										
1st Qtr.	5,361	4,595	766	14.3	13.4	109,766	97,507	12,259	11.2	10.3

On all tables the most recent month's data are preliminary. They are subject to revision.

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

INDUSTRY TITLE	(Employment in Thousands)								
	ALL EMPLOYEES					NET CHANGE			
	March 1983	February 1983	January 1983	December 1982	March 1982	February 1983	December 1982	March 1982	
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4403.2	4369.9	4385.0	4479.0	4594.2	33.3	-75.8	-181.0	
LABOR-MANAGEMENT DISPUTES	4.3	7.0	3.1	3.2	4.9	-2.7	-1.5	-0.6	
TOTAL MANUFACTURING INDUSTRIES	1079.2	1072.3	1081.4	1091.6	1210.5	6.9	-12.4	-131.3	
TOTAL DURABLE GOODS	611.7	609.6	616.8	624.2	721.5	3.1	-12.5	-109.8	
<u>Lumber & wood products</u>	17.9	17.2	16.9	17.1	17.6	0.7	0.8	0.3	
Millwork, plywood & structural	5.7	5.6	5.6	5.5	5.7	0.1	0.2	0.0	
Other lumber & wood prod.	12.2	11.6	11.3	11.6	11.9	0.6	0.6	0.3	
<u>Furniture & fixtures</u>	17.0	17.2	17.8	17.9	18.4	-0.2	-0.9	-1.4	
Household furniture	7.5	7.5	7.3	7.6	8.0	0.0	-0.1	-0.5	
Office furniture	4.7	4.9	5.2	5.1	4.6	-0.2	-0.4	0.1	
Other furniture & fixtures	4.8	4.8	5.3	5.2	5.8	0.0	-0.4	-1.0	
<u>Stone, clay & glass products</u>	49.4	48.0	48.9	49.5	52.0	0.4	-1.1	-3.6	
Glass & glassware, pressed or blown	13.5	13.3	13.5	13.5	14.3	0.2	0.0	-0.8	
Glass containers	7.0	6.9	7.0	7.1	7.4	0.1	-0.1	-0.4	
Other pressed or blown glass	6.5	6.4	6.5	6.4	6.9	0.1	0.1	-0.4	
Hydraulic cement	2.0	1.9	2.1	2.3	2.2	0.1	-0.3	-0.2	
Structural clay products	4.2	4.1	4.4	4.4	4.9	0.1	-0.2	-0.7	
Pottery & related products	3.5	4.1	4.2	4.3	4.7	-0.6	-0.8	-1.2	
Concrete, gypsum & plaster prod.	6.4	6.0	6.4	6.8	6.2	0.4	-0.4	0.2	
Other stone, clay & glass prod.	18.8	18.6	18.3	18.2	19.7	0.2	0.6	-0.9	
<u>Primary metal industries</u>	117.5	114.5	122.2	118.0	159.0	3.0	-0.5	-41.5	
Blast furnace & basic steel prod.	80.7	78.8	85.8	81.2	116.4	1.9	-0.5	-35.7	
Blast furnaces & steel mills	73.1	71.4	78.3	73.6	107.2	1.7	-0.5	-34.1	
Other basic steel products	7.6	7.4	7.5	7.6	9.2	0.2	0.0	-1.6	
Iron & steel foundries	12.1	11.9	12.2	12.4	15.2	0.2	-0.3	-3.1	
Gray iron foundries	5.4	5.1	5.4	5.6	6.8	0.3	-0.2	-1.4	
Steel foundries, n.e.c.	3.6	3.7	3.7	3.7	5.5	-0.1	-0.1	-1.9	
Malleable iron & steel invest.	3.1	3.1	3.1	3.1	2.9	0.0	0.0	0.2	
Nonferrous rolling & drawing	12.0	11.4	11.9	12.1	13.2	0.6	-0.1	-1.2	
Nonferrous foundries	5.5	5.3	5.4	5.5	6.8	0.2	0.0	-1.3	
Other primary metal products	7.2	7.1	6.9	6.8	7.4	0.1	0.4	-0.2	
<u>Fabricated metal products</u>	88.6	89.3	89.6	90.8	99.7	0.3	-2.2	-11.1	
Metal cans & shipping containers	3.4	3.3	3.3	3.3	3.4	0.1	0.1	0.0	
Cutlery, hand tools & hardware	4.9	4.7	4.8	4.9	5.7	0.2	0.0	-0.8	
Plumbing & heating exc. electrical	2.4	2.6	2.7	2.8	3.0	-0.2	-0.4	-0.6	
Fabricated structural metal prod.	26.9	26.7	27.9	29.1	31.7	0.2	-2.2	-4.8	
Fabricated structural metal	4.8	4.9	5.4	5.4	6.7	-0.1	-0.6	-1.3	
Fabricated plate work (boiler shops)	7.0	6.8	7.1	7.7	9.9	0.2	-0.7	-2.9	
Other fabricated struct. metal prod.	15.1	15.0	15.4	16.0	15.1	0.1	-0.9	0.0	
Screw machine products, bolts, etc.	6.5	6.6	6.5	6.6	7.8	-0.1	-0.1	-1.3	
Metal forgings & stampings	16.8	17.0	16.9	16.9	18.4	-0.2	-0.1	-1.6	
Iron & steel forgings	4.3	4.2	4.3	4.4	5.4	0.1	-0.1	-1.1	
Other metal forgings & stampings	12.5	12.8	12.6	12.5	13.0	-0.3	0.0	-0.5	
Metal services & ordnance, n.e.c.	8.3	8.2	8.1	7.9	7.8	0.1	0.4	0.5	
Misc. fabricated metal products	19.4	19.2	19.4	19.3	21.9	0.2	0.1	-2.5	
Valves & pipe fittings	7.3	7.3	7.3	7.3	8.6	0.0	0.0	-1.3	
Other misc. fabricated metal prod.	12.1	11.9	12.1	12.0	13.3	0.2	0.1	-1.2	
<u>Machinery, exc. electrical</u>	106.8	108.9	108.2	113.0	137.5	-2.1	-6.2	-30.7	
Engines & turbines	7.9	7.9	8.1	8.2	9.5	0.0	-0.3	-1.6	
Farm & garden machinery	2.9	2.9	3.0	3.1	4.0	0.0	-0.2	-1.1	
Construction & related mach.	13.9	15.3	13.7	15.4	25.8	-1.4	-1.5	-11.9	
Construction machinery	3.1	4.9	2.6	3.7	8.2	-1.8	-0.6	-5.1	
Conveyors & conveying equip.	3.1	3.1	3.1	3.3	3.6	0.0	-0.2	-0.5	
Other construction & related mach.	7.7	7.3	8.0	8.4	14.0	0.4	-0.7	-6.3	
Metal working machinery	14.9	15.4	16.0	16.6	21.3	-0.5	-1.7	-6.4	
Special industry machinery	10.9	10.9	11.2	11.3	12.4	0.0	-0.4	-1.5	

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(cont.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYEES							
	March 1983	February 1983	January 1983	December 1982	March 1982	NET CHANGE		
						February 1983	December 1982	March 1982
General industrial machinery	22.6	23.1	22.7	23.9	27.6	-0.5	-1.3	-5.0
Pumps & pumping equipment	3.5	3.7	3.7	3.8	4.3	-0.2	-0.3	-0.8
Ball & roller bearings	3.2	3.2	2.8	3.1	4.1	0.0	0.1	-0.9
Air & gas compressors	3.9	3.9	4.0	4.2	4.8	0.0	-0.3	-0.9
Industrial furnaces & ovens	2.6	2.6	2.6	2.8	3.2	0.0	-0.2	-0.6
Other general industrial mach.	9.4	9.7	9.6	10.0	11.2	-0.3	-0.6	-1.8
Office and computing machines	13.1	13.0	13.0	12.9	12.9	0.1	0.2	0.2
Refrigeration & service ind. mach.	9.3	9.2	8.8	9.3	10.2	0.1	0.0	-0.9
Misc. machinery, exc. electrical	11.3	11.2	11.7	12.3	13.8	0.1	-1.0	-2.5
<u>Electric & electronic equipment</u>	100.4	100.0	100.6	102.0	110.8	0.4	-1.6	-10.4
Electric distributing equip.	13.7	13.6	14.0	14.7	16.7	0.1	-1.0	-3.0
Transformers	4.8	4.7	4.8	5.2	5.6	0.1	-0.4	-0.8
Switchgear & switchboard apparatus	8.9	8.9	9.2	9.5	11.1	0.0	-0.6	-2.2
Electrical industrial apparatus	15.8	15.5	15.3	15.4	18.3	0.3	0.4	-2.5
Household appliances	3.4	3.4	3.4	4.0	3.5	0.0	-0.6	-0.1
Electric lighting & wiring equip.	19.3	19.1	19.1	18.8	20.7	0.2	0.5	-1.4
Current-carrying wiring devices	11.4	11.4	11.3	11.3	11.7	0.0	0.1	-0.3
Other electric light & wiring equip.	7.9	7.7	7.8	7.5	9.0	0.2	0.4	-1.1
Communication equipment	9.0	9.0	9.2	9.2	9.1	0.0	-0.2	-0.1
Electronic components & accessories	30.1	30.3	30.5	30.8	32.2	-0.2	-0.7	-2.1
Semiconductors & related devices	11.1	11.1	11.2	11.2	11.3	0.0	-0.1	-0.2
Other electronic components & access.	19.0	19.2	19.3	19.6	20.9	-0.2	-0.6	-1.9
Other electrical equip. & supplies	9.1	9.1	9.1	9.1	10.3	0.0	0.0	-1.2
<u>Transportation equipment</u>	57.8	57.4	55.5	59.0	65.8	0.4	-1.2	-8.0
Motor vehicles & equipment	20.9	20.7	18.8	23.0	24.6	0.2	-2.1	-3.7
Motor vehicle parts & access.	9.6	9.5	9.5	9.3	10.0	0.1	0.3	-0.4
Other motor vehicles & equip.	11.3	11.2	9.3	13.7	14.6	0.1	-2.4	-3.3
Aircraft & parts	10.9	10.8	10.8	10.7	11.8	0.1	0.2	-0.9
Ship & boat building & repairing	2.5	2.5	2.4	2.6	4.1	0.1	0.0	-1.5
Railroad equipment	10.9	11.1	11.2	10.4	12.1	-0.2	0.5	-1.2
Other transportation equipment	12.5	12.3	12.3	12.3	13.2	0.2	0.2	-0.7
<u>Instruments & related products</u>	36.5	36.6	36.9	36.8	39.6	-0.1	-0.3	-3.1
Measuring & controlling devices	18.1	18.2	18.5	18.5	21.1	-0.1	-0.4	-3.0
Medical instruments & supplies	11.1	10.9	10.9	10.9	10.6	0.2	0.2	0.5
Other instruments & related prod.	7.3	7.5	7.5	7.4	7.9	-0.2	-0.1	-0.6
Miscellaneous manufacturing industries	20.8	20.5	20.2	20.1	21.1	0.3	0.7	-0.3
TOTAL NONDURABLE GOODS	467.5	463.7	464.6	467.4	489.0	3.8	0.1	-21.5
<u>Food & kindred products</u>	89.1	88.7	89.6	93.1	91.4	0.4	-4.0	-2.3
Meat products	13.5	13.5	13.4	13.9	14.1	0.0	-0.4	-0.6
Meat packing plants	4.4	4.3	4.3	4.3	4.2	0.1	0.1	0.2
Sausages & other prepared meats	4.6	4.6	4.5	4.7	5.1	0.0	-0.1	-0.5
Poultry dressing & processing	4.5	4.6	4.6	4.9	4.8	-0.1	-0.4	-0.3
Dairy products	10.5	10.6	10.5	10.8	10.6	-0.1	-0.3	-0.1
Fluid milk	5.6	5.6	5.6	5.7	5.7	0.0	-0.1	-0.1
Other dairy products	4.9	5.0	4.9	5.1	4.9	-0.1	-0.2	0.0
Preserved fruits & vegetables	10.9	10.5	10.9	12.2	11.1	0.4	-1.3	-0.2
Canned fruits & vegetables	3.8	3.6	3.6	4.6	3.8	0.2	-0.8	0.0
Other preserved fruits & vegetables	7.1	6.9	7.3	7.6	7.3	0.2	-0.5	-0.2
Grain mill products	5.2	5.2	5.1	5.3	5.0	0.0	-0.1	0.2
Bakery products	16.8	16.6	16.8	17.1	17.3	0.2	-0.3	-0.5
Bread, cake & related prod.	12.7	12.6	12.7	12.7	12.9	0.1	0.0	-0.2
Cookies & crackers	4.1	4.0	4.1	4.4	4.4	0.1	-0.3	-0.3
Sugar & confectionery prod.	13.6	14.2	14.5	14.8	14.9	-0.6	-1.2	-1.3
Beverages	9.1	8.9	9.1	9.6	9.0	0.2	-0.5	0.1
Other food & kindred products	9.5	9.2	9.3	9.4	9.4	0.3	0.1	0.1

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(cont.)

INDUSTRY TITLE	(Employment in Thousands)							
	ALL EMPLOYES					NET CHANGE		
	March 1983	February 1983	January 1983	December 1982	March 1982	February 1983	December 1982	March 1982
<u>Tobacco manufacturers</u>	2.3	2.3	2.3	2.3	3.0	0.0	0.0	-0.7
<u>Textile mill products</u>	37.8	37.1	37.6	37.8	39.0	0.7	0.0	-1.2
Weaving mills, synthetics	4.1	4.0	4.0	4.1	4.4	0.1	0.0	-0.3
Knitting mills	19.1	18.9	19.1	19.4	19.1	0.2	-0.3	0.0
Knit outerwear mills	9.9	10.0	10.2	10.4	10.5	-0.1	-0.5	-0.6
Knit underwear mills	4.8	4.7	4.7	4.8	4.3	0.1	0.0	0.5
Other knitting mills	4.4	4.2	4.2	4.2	4.3	0.2	0.2	0.1
Floor covering mills	3.0	2.8	2.9	2.9	3.4	0.2	0.1	-0.4
Yarn & thread mills	3.0	2.9	3.1	2.9	3.1	0.1	0.1	-0.1
Other textile mill prod.	8.6	8.5	8.5	8.5	9.0	0.1	0.1	-0.4
<u>Apparel & other textile products</u>	110.0	108.2	106.6	105.0	118.1	1.8	5.0	-8.1
Men's & boys' suits & coats	15.0	14.6	14.7	14.7	15.9	0.4	0.3	-0.9
Men's & boys' furnishings	17.1	16.9	17.0	17.0	18.2	0.2	0.1	-1.1
Men's & boys' shirts & nightwear	6.4	6.3	6.5	6.6	6.8	0.1	-0.2	-0.4
Men's & boys' separate trousers	3.8	3.8	3.8	3.8	4.3	0.0	0.0	-0.5
Other furnishings & work clothing	6.9	6.8	6.7	6.6	7.1	0.1	0.3	-0.2
Women's & misses' outerwear	50.4	49.7	48.3	46.8	56.0	0.7	3.6	-5.6
Women's & children's undergarments	9.5	9.4	9.1	9.2	9.9	0.1	0.3	-0.3
Children's outerwear	7.7	7.5	7.6	7.4	7.4	0.2	0.3	0.3
Other apparel & textile prod.	10.3	10.1	9.9	9.9	10.8	0.2	0.4	-0.5
<u>Paper & allied products</u>	39.6	39.3	39.6	39.2	41.4	0.3	0.4	-1.8
Paper mills exc. building paper	9.9	9.9	10.0	10.0	11.4	0.0	-0.1	-1.5
Paper board containers & boxes	13.2	13.3	13.6	13.6	13.6	-0.1	-0.4	-0.4
Corrugated & solid fiber boxes	6.9	7.0	7.1	7.1	7.1	-0.1	-0.2	-0.2
Other paperboard containers	6.3	6.3	6.5	6.5	6.5	0.0	-0.2	-0.2
Other paper & allied products	16.5	16.1	16.0	15.6	16.4	0.4	0.9	0.1
<u>Printing & publishing</u>	71.2	70.8	71.4	71.7	72.3	0.4	-0.5	-1.1
Newspapers	22.1	21.9	22.0	22.4	22.0	0.2	-0.3	0.1
Books	6.0	6.0	6.0	5.8	6.0	0.0	0.2	0.0
Commercial printing	23.1	22.7	23.1	23.4	23.0	0.4	-0.3	0.1
Lithographing	13.7	13.4	13.6	13.9	13.6	0.3	-0.2	0.1
Other commercial printing	9.4	9.3	9.5	9.5	9.4	0.1	-0.1	0.0
Manifold business forms	4.5	4.5	4.6	4.6	4.5	0.0	-0.1	0.0
Other printing & publishing	15.5	15.7	15.7	15.5	16.8	-0.2	0.0	-1.3
<u>Chemicals & allied products</u>	56.8	56.8	56.9	57.0	59.6	0.0	-0.2	-2.8
Industrial inorganic chemicals	9.0	9.1	9.2	9.5	10.3	-0.1	-0.5	-1.3
Plastic materials & synthetics	7.5	7.5	7.5	7.7	8.2	0.0	-0.2	-0.7
Drugs	19.0	19.0	18.9	18.9	18.4	0.0	0.1	0.6
Soap, cleaners & toilet goods	3.2	3.2	3.3	3.2	3.1	0.0	0.0	0.1
Paints & allied products	3.9	3.8	3.9	3.9	4.0	0.1	0.0	-0.1
Other chemicals & allied prod.	14.2	14.2	14.1	13.8	15.6	0.0	0.4	-1.4
<u>Petroleum & coal products</u>	15.4	15.3	15.8	15.6	15.7	0.1	-0.2	-0.3
Petroleum refining	12.1	12.2	12.8	12.5	13.1	-0.1	-0.4	-1.0
Other petroleum & coal prod.	3.3	3.1	3.0	3.1	2.6	0.2	0.2	0.7
<u>Rubber & misc. plastics products</u>	32.2	32.1	32.1	32.8	33.9	0.1	-0.6	-1.7
Tires & inner tubes	2.6	2.6	2.6	2.7	2.9	-0.3	-0.4	-0.3
Fabricated rubber prod., n.e.c.	3.6	3.7	3.7	3.7	4.1	-0.1	-0.1	-0.5
Other rubber & plastic prod., n.e.c.	26.0	25.8	25.8	26.4	26.9	0.2	-0.4	-0.9
<u>Leather & leather products</u>	13.1	13.1	12.7	12.9	14.6	0.0	0.2	-1.5
Footwear, exc. rubber	10.3	10.5	10.4	10.3	11.2	-0.2	0.0	-0.9
Men's footwear, exc. athletic	4.6	4.4	4.2	3.9	4.2	0.2	0.7	0.4
Women's footwear, exc. athletic	2.5	2.7	2.8	3.0	3.1	-0.2	-0.5	-0.6
Other footwear	3.2	3.4	3.4	3.4	3.9	-0.2	-0.2	-0.7
Other leather & leather prod.	2.8	2.6	2.3	2.6	3.4	0.2	0.2	-0.6

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(concl.)

INDUSTRY TITLE	(Employment in Thousands)							
	ALL EMPLOYES					NET CHANGE		
	March 1983	February 1983	January 1983	December 1982	March 1982	February 1983	December 1982	March 1982
TOTAL NONMANUFACTURING INDUSTRIES	3319.7	3290.6	3300.5	3384.2	3368.8	29.1	-64.5	-49.1
<u>Mining</u>	38.1	36.1	38.0	38.6	47.5	2.0	-0.5	-9.4
Anthracite	2.7	2.7	3.1	3.2	3.5	0.0	-0.5	-0.8
Bituminous	26.4	24.6	25.9	25.8	34.7	1.8	0.6	-8.3
Nonmetallic minerals	3.5	3.2	3.3	3.8	3.6	0.3	-0.3	-0.1
<u>Contract Construction</u>	139.8	135.3	142.7	156.5	150.8	4.5	-16.7	-11.0
General building	35.2	34.5	36.6	39.7	37.5	0.7	-4.5	-2.3
Heavy construction	28.4	27.7	27.6	31.5	32.4	0.7	-3.1	-4.0
Special trades	76.2	73.1	78.5	85.3	80.9	3.1	-9.1	-4.7
<u>Transportation</u>	134.8	133.5	134.4	140.0	144.4	1.3	-5.2	-9.6
Railroads	24.8	24.8	24.9	27.9	30.7	0.0	-3.1	-5.9
<u>Public Utilities</u>	103.7	104.6	104.4	104.7	104.2	-0.9	-1.0	-0.5
Communications	53.9	54.2	54.2	54.5	55.3	-0.3	-0.6	-1.4
Electric, gas & sanitary service	49.8	50.4	50.3	50.2	48.9	-0.6	-0.4	0.9
Electric systems	25.7	25.7	25.5	25.4	24.8	0.0	0.3	0.9
Gas production	8.5	9.0	9.1	9.1	9.1	-0.5	-0.6	-0.6
<u>Wholesale trade</u>	230.8	230.8	231.6	235.3	239.6	0.0	-4.5	-8.8
<u>Retail trade</u>	707.2	699.3	712.9	744.2	717.4	7.9	-37.0	-10.2
General merchandise stores	114.5	114.8	120.2	128.4	115.8	-0.3	-13.9	-1.3
Department stores	102.4	102.8	107.7	114.7	102.6	-0.4	-12.3	-0.2
<u>Finance, insurance & real estate</u>	236.2	235.8	236.6	236.6	236.8	0.4	-0.4	-0.6
Banking	80.5	80.2	80.5	80.2	80.3	0.3	0.3	0.2
Commercial & stock savings	74.1	73.8	74.1	73.8	73.8	0.3	0.3	0.3
Insurance	69.7	69.6	69.7	70.0	69.9	0.1	-0.3	-0.2
Life insurance	27.1	27.0	27.0	27.2	26.5	0.1	-0.1	0.6
Fire, marine & casualty	27.9	27.9	28.0	28.1	28.5	0.0	-0.2	-0.6
<u>Services</u>	1048.1	1038.4	1029.0	1050.3	1031.1	9.7	-2.2	17.0
Business services	139.4	137.8	137.6	140.4	140.6	1.6	-1.0	-1.2
Health services	359.2	358.2	358.4	356.5	348.1	1.0	2.7	11.1
Nursing & personal care	54.6	54.6	54.9	55.1	53.8	0.0	-0.5	0.8
Hospitals	218.0	217.5	217.4	216.9	212.4	0.5	1.1	5.6
Educational service	145.0	143.3	131.7	143.6	142.6	1.7	1.4	2.4
Miscellaneous services	47.6	48.1	48.5	48.5	49.1	-0.5	-0.9	-1.5
Engineering & architectural	29.7	29.9	30.1	30.4	30.9	-0.2	-0.7	-1.2
<u>Government</u>	681.0	676.8	670.8	678.0	697.0	4.2	3.0	-16.0
Federal	134.4	134.3	133.9	133.9	132.4	0.1	0.5	2.0
State & local	546.6	542.5	536.9	544.1	564.6	4.1	2.5	-18.0

Table 3. SELECTED PENNSYLVANIA EMPLOYMENT INDICES
(Not Seasonally Adjusted)

1977 = 100

INDUSTRY TITLE	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982	ANNUAL AVERAGE		
						1982	1981	1980
All Manufacturing	80.4	79.9	80.5	81.3	90.6	86.9	96.8	98.9
Primary Metals	58.8	57.3	61.2	59.1	79.6	71.1	92.1	95.2
Apparel	82.0	80.7	79.5	78.3	91.9	84.0	91.5	92.0
All Nonmanufacturing	102.9	102.0	102.3	104.9	104.2	105.2	106.3	106.2
Construction	76.0	73.5	77.5	85.1	83.3	90.7	98.2	103.3
Retail Trade	98.6	97.5	99.3	103.7	100.8	101.8	103.6	103.7
Services	121.5	120.3	119.3	121.7	117.3	121.1	117.3	112.9
Government	95.7	95.1	94.3	95.3	98.9	95.7	98.9	101.7

TABLE 4.

**ACTUAL AND REAL GROSS EARNINGS OF
MANUFACTURING PRODUCTION WORKERS IN
PENNSYLVANIA**

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1972	\$154.42	39.8	\$3.88	137.6	125.3	\$123.24	\$31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	75.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18
1980	294.49	38.8	7.59	269.1	246.8	119.32	175.17
1981	325.36	39.2	8.30	294.3	272.4	119.44	205.92
1982	331.39	38.4	8.63	306.6	289.1	114.63	216.76

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col. 1 ÷ Col. 5)

TABLE 5. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(THOUSANDS)

Industry	Employment					Weekly Manhours Worked					Weekly Payrolls				
	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982
Manufacturing	726.0	719.3	726.1	731.0	834.7	28205.7	26,451.4	27,829.3	28,184.4	32,324.2	249,506.2	233,636.7	246,006.0	248,416.3	276,077.3
Durable Goods	398.5	393.8	400.5	396.5	482.5	15852.1	14,891.8	15,689.7	15,700.2	19,144.6	155,941.1	146,058.9	154,301.4	154,246.1	181,749.3
Nondur. Goods	327.5	325.5	325.6	334.5	352.2	12353.6	11,559.6	12,139.4	12,484.2	13,179.6	93,565.1	87,577.8	91,704.6	94,170.2	94,328.0

NOTATION

Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

Establishment Data are estimates by place of work. Prior to 1983 persons involved in labor management disputes were not included in total. Beginning January 1983 persons involved in labor management disputes will be included in Nonagricultural Wage and Salary Employment total.

Nonagricultural Wage and Salary Employment, beginning with 1981, are benchmarked to first quarter 1982.

HOURS AND EARNINGS FOR
Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982
TOTAL MANUFACTURING INDUSTRIES	\$344.27	\$324.94	\$338.57	\$340.07	\$330.50	38.9	36.8	38.3	38.6	38.7	\$ 8.85	\$ 8.83	\$ 8.84	\$ 8.81	\$ 8.54
TOTAL DURABLE GOODS	391.63	370.82	385.34	388.87	376.75	39.8	37.8	39.2	39.6	39.7	9.84	9.81	9.83	9.82	9.49
Lumber & wood products	274.79	244.63	265.56	260.94	255.30	39.2	35.3	38.1	37.6	37.6	7.01	6.93	6.97	6.94	6.79
Millwork, plywood & structural	285.98	274.54	281.39	284.10	274.64	39.5	37.1	38.6	38.6	38.8	7.24	7.40	7.29	7.36	7.13
Other lumber & wood prod.	270.18	231.15	258.48	249.68	245.60	39.1	34.5	37.9	37.1	37.1	6.91	6.70	6.82	6.73	6.62
Furniture & fixtures	284.97	268.64	280.77	294.57	266.58	38.2	36.7	38.2	39.7	37.6	7.46	7.32	7.35	7.42	7.09
Household furniture	257.47	247.21	251.25	267.33	237.34	38.2	37.4	38.3	39.9	37.2	6.74	6.61	6.56	6.70	6.38
Office furniture	319.60	294.25	314.41	328.39	306.09	40.0	37.2	39.9	41.1	39.7	7.99	7.91	7.88	7.99	7.71
Other furniture & fixtures	299.11	280.70	294.03	318.19	278.42	36.3	35.0	36.3	37.7	36.3	8.24	8.02	8.10	8.44	7.67
Stone, clay & glass products	376.00	359.14	355.26	372.00	356.53	40.0	38.7	38.2	40.0	40.7	9.40	9.28	9.30	9.30	8.76
Glass & glassware, pressed or blown	402.75	387.59	377.06	395.37	363.32	40.6	40.5	39.4	41.4	41.1	9.92	9.57	9.57	9.55	8.84
Glass containers	421.97	398.80	405.37	428.28	376.81	39.4	39.8	40.7	43.0	40.3	10.71	10.02	9.96	9.96	9.35
Other pressed or blown glass	382.20	374.51	344.89	356.69	349.44	42.0	41.2	37.9	39.5	42.0	9.10	9.09	9.10	9.03	8.32
Hydraulic cement	550.51	503.71	507.56	512.95	499.20	43.9	40.2	41.4	41.3	41.6	12.54	12.53	12.26	12.42	12.00
Structural clay products	289.85	266.07	277.33	324.34	299.00	37.4	34.6	36.3	40.9	37.8	7.75	7.69	7.64	7.93	7.91
Pottery & related products	365.92	344.97	352.22	352.84	343.44	41.3	40.3	40.3	39.6	42.4	8.86	8.56	8.74	8.91	8.10
Concrete, gypsum & plaster prod.	313.73	308.67	324.24	332.33	326.84	38.4	36.4	38.6	39.8	40.4	8.17	8.48	8.40	8.35	8.09
Other stone, clay & glass prod.	379.45	364.23	350.66	373.45	361.18	39.9	38.3	36.3	38.5	40.4	9.51	9.51	9.66	9.70	8.94
Primary metal industries	463.87	457.88	466.07	457.97	450.30	38.4	37.5	37.8	37.6	38.0	12.08	12.21	12.33	12.18	11.85
Blast furnace & basic steel prod.	505.56	504.93	510.01	505.67	488.97	37.7	37.1	37.2	37.1	37.7	13.41	13.61	13.71	13.63	12.97
Blast furnaces & steel mills	514.08	514.10	516.06	516.23	498.77	37.8	37.2	37.1	36.9	37.7	13.60	13.82	13.91	13.99	13.23
Other basic steel products	428.78	428.22	453.50	434.17	382.60	36.9	36.6	38.4	38.8	37.4	11.62	11.70	11.81	11.19	10.23
Iron & steel foundries	355.81	343.15	339.38	342.90	334.88	38.3	36.7	37.5	38.1	37.5	9.29	9.35	9.05	9.00	8.93
Gray iron foundries	344.83	317.86	320.29	327.37	313.12	37.4	34.4	37.2	38.2	37.1	9.22	9.24	8.61	8.57	8.44
Steel foundries, n.e.c.	372.68	366.79	383.90	382.20	376.11	38.5	37.2	38.7	39.0	39.8	9.68	9.86	9.92	9.80	9.45
Malleable iron & steel invest.	357.08	360.80	327.73	325.74	314.30	39.5	40.0	36.7	36.6	34.2	9.04	9.02	8.93	8.90	9.19
Nonferrous rolling & drawing	402.14	370.00	375.03	377.60	355.90	41.5	39.7	40.5	40.0	39.5	9.69	9.32	9.26	9.44	9.01
Nonferrous foundries	353.20	326.71	340.08	326.25	327.76	40.0	37.0	39.0	37.5	39.3	8.83	8.83	8.72	8.70	8.34
Other primary metal products	388.33	378.39	378.82	352.94	352.14	41.4	40.6	40.3	38.7	39.7	9.38	9.32	9.40	9.12	8.87
Fabricated metal products	379.89	363.17	372.13	375.77	354.40	40.5	38.8	40.1	40.8	40.0	9.38	9.36	9.28	9.21	8.86
Metal cans & shipping containers	461.66	436.79	454.51	447.20	452.84	41.0	39.6	40.8	43.0	43.5	11.26	11.03	11.14	10.40	10.41
Cutlery, hand tools & hardware	289.84	279.00	284.79	290.00	274.17	38.8	37.3	38.8	40.0	39.0	7.47	7.48	7.34	7.25	7.03
Plumbing & heating exc. electrical	344.18	339.57	359.39	375.65	321.90	39.2	38.5	40.2	41.6	39.4	8.78	8.82	8.94	9.03	8.17
Fabricated structural metal prod.	337.98	323.36	335.48	355.31	332.87	39.3	37.6	39.1	40.7	39.3	8.60	8.60	8.58	8.73	8.47
Fabricated structural metal	363.24	350.25	360.62	388.49	376.27	39.1	37.5	38.0	40.3	39.4	9.29	9.34	9.49	9.64	9.55
Fabricated plate work (boiler shops)	377.67	365.77	378.81	414.07	356.59	39.3	38.3	39.5	42.6	39.1	9.61	9.55	9.59	9.72	9.12
Other fabricated struct. metal prod.	312.44	297.28	309.29	318.00	297.11	39.3	37.3	39.4	40.0	39.3	7.95	7.97	7.85	7.95	7.56
Screw machine products, bolts, etc.	356.32	335.85	339.34	330.60	328.82	38.9	37.4	38.0	38.0	41.0	9.16	8.98	8.93	8.70	8.02
Metal forgings & stampings	504.61	486.51	490.68	458.49	445.54	42.8	41.3	42.3	40.9	40.8	11.79	11.78	11.60	11.21	10.92
Iron & steel forgings	376.70	363.38	361.92	356.45	366.70	38.4	37.5	37.7	36.9	38.0	9.81	9.69	9.69	9.66	9.65
Other metal forgings & stampings	540.76	518.60	525.82	484.78	471.63	44.0	42.3	43.6	41.9	41.7	12.29	12.26	12.06	11.57	11.31
Metal services & ordnance, n.e.c.	334.53	323.57	330.01	334.36	313.39	41.3	39.8	41.2	41.9	40.7	8.10	8.13	8.01	7.98	7.70
Misc. fabricated metal products	358.57	335.51	349.36	363.53	332.42	40.7	38.3	39.7	40.8	39.2	8.81	8.76	8.80	8.91	8.48
Valves & pipe fittings	383.11	354.00	374.61	395.09	343.27	40.2	37.5	38.9	40.9	38.7	9.53	9.44	9.63	9.66	8.87
Other misc. fabricated metal prod.	345.22	324.31	335.24	345.58	326.67	41.0	38.7	40.1	40.8	39.5	8.42	8.38	8.36	8.47	8.27

HOURS AND EARNINGS FOR
Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL
 (cont.)

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982
<u>Machinery, exc. electrical</u>	\$394.94	\$360.98	\$385.49	\$393.98	\$381.60	40.3	37.1	39.7	40.7	40.9	\$ 9.80	\$ 9.73	\$ 9.71	\$ 9.68	\$ 9.33
Engines & turbines	503.42	463.25	494.93	511.29	422.06	43.7	40.6	43.0	43.7	40.7	11.52	11.41	11.51	11.70	10.37
Farm & garden machinery	500.46	424.76	448.93	408.43	397.18	43.9	40.3	41.3	39.5	40.2	11.40	10.54	10.87	10.34	9.88
Construction & related mach.	355.27	260.21	347.82	357.24	420.46	38.7	27.8	37.4	39.0	42.6	9.18	9.36	9.30	9.16	9.87
Construction machinery	368.42	137.62	397.13	357.60	428.24	39.7	13.4	40.4	40.0	40.4	9.28	10.27	9.83	8.94	10.60
Conveyors & conveying equip.	356.47	348.00	359.79	370.40	373.19	40.6	39.5	40.7	41.9	45.4	8.78	8.81	8.84	8.84	8.22
Other construction & related mach.	351.12	337.82	336.66	353.81	421.18	35.0	36.6	36.2	37.8	43.6	9.24	9.23	9.30	9.36	9.66
Metal working machinery	395.69	373.00	396.80	405.14	374.69	40.5	38.1	40.0	40.8	39.4	9.77	9.79	9.92	9.93	9.51
Special industry machinery	373.10	350.49	351.14	368.59	347.04	41.0	38.9	38.8	41.0	40.4	9.10	9.01	9.05	8.99	8.59
General industrial machinery	376.71	368.77	388.28	392.09	377.30	39.2	38.9	40.7	41.1	41.1	9.61	9.48	9.54	9.54	9.18
Pumps & pumping equipment	436.80	401.56	426.21	476.67	414.04	41.6	39.1	41.1	44.8	44.0	10.50	10.27	10.37	10.64	9.41
Ball & roller bearings	383.55	358.29	394.30	387.65	371.90	39.5	37.4	40.4	39.8	40.6	9.71	9.58	9.76	9.74	9.16
Air & gas compressors	379.37	382.08	387.98	381.39	368.42	39.6	39.8	41.1	39.4	39.7	9.58	9.60	9.44	9.68	9.28
Industrial furnaces & ovens	381.24	359.75	363.33	393.64	344.51	40.3	38.6	38.9	42.1	37.9	9.46	9.32	9.34	9.35	9.09
Other general industrial mach.	348.89	358.81	377.51	365.08	377.80	37.8	39.3	40.9	40.7	41.7	9.23	9.13	9.23	8.97	9.06
Office and computing machines	504.31	445.06	463.71	457.56	439.11	43.4	37.4	41.0	41.0	41.9	11.62	11.90	11.31	11.16	10.48
Refrigeration & service ind. mach.	366.03	345.00	348.04	404.27	319.96	39.4	37.5	38.8	43.8	38.0	9.29	9.20	8.97	9.23	8.42
Misc. machinery, exc. electrical	346.10	323.14	325.84	327.18	344.85	38.8	37.1	37.8	38.0	41.8	8.92	8.71	8.62	8.61	8.25
<u>Electric & electronic equipment</u>	351.43	335.42	349.38	348.93	328.84	39.8	37.9	39.3	38.9	40.2	8.83	8.85	8.89	8.97	8.18
Electric distributing equip.	386.33	391.55	414.23	429.62	401.10	38.1	38.5	40.1	40.8	42.0	10.14	10.17	10.33	10.53	9.55
Transformers	405.62	409.45	421.07	462.60	452.86	40.4	40.3	41.0	43.6	46.4	10.04	10.16	10.27	10.61	9.76
Switchgear & switchboard apparatus	373.69	379.34	409.62	410.42	373.97	36.6	37.3	39.5	39.2	39.7	10.21	10.17	10.37	10.47	9.42
Electrical industrial apparatus	332.81	319.98	321.70	320.82	319.98	39.2	37.6	38.9	38.7	39.7	8.49	8.51	8.27	8.29	8.06
Household appliances	332.11	277.55	284.87	291.47	282.09	40.7	35.0	35.3	38.1	39.9	8.16	7.93	8.07	7.65	7.07
Electric lighting & wiring equip.	317.60	298.30	308.80	289.52	310.68	39.8	38.0	38.6	37.6	40.4	7.98	7.85	8.00	7.70	7.69
Current-carrying wiring devices	350.24	322.80	342.37	325.19	308.56	42.3	40.4	41.6	39.9	40.6	8.28	7.99	8.23	8.15	7.60
Other electric light & wiring equip.	284.97	274.89	276.68	252.03	311.95	37.3	35.7	35.7	35.2	40.2	7.64	7.70	7.75	7.16	7.76
Communication equipment	357.60	358.42	362.61	364.94	307.20	40.0	39.3	39.5	38.7	40.0	8.94	9.12	9.18	9.43	7.68
Electronic components & accessories	383.57	355.81	373.46	370.11	332.37	41.2	38.3	40.2	39.0	39.9	9.31	9.29	9.29	9.49	8.33
Semiconductors & related devices	479.95	431.79	460.24	456.68	422.50	42.7	38.9	41.5	38.8	40.9	11.24	11.10	11.09	11.77	10.33
Other electronic components & access.	331.68	315.40	327.06	319.45	287.23	40.4	38.0	39.5	39.1	39.4	8.21	8.30	8.28	8.17	7.29
Other electrical equip. & supplies	299.92	285.41	307.67	312.73	284.98	38.8	35.9	38.7	38.8	39.2	7.73	7.95	7.95	8.06	7.27
<u>Transportation equipment</u>	451.41	413.32	433.20	451.17	430.36	41.0	38.2	40.6	40.5	40.6	11.01	10.82	10.61	11.14	10.60
Motor vehicles & equipment	455.39	409.12	416.12	460.22	446.31	41.1	38.2	40.4	40.8	40.5	11.08	10.71	10.30	11.28	11.02
Motor vehicle parts & access.	458.43	405.50	435.18	461.84	411.77	41.6	38.4	40.9	42.1	39.9	11.02	10.56	10.64	10.97	10.32
Other motor vehicles & equip.	453.40	411.97	388.48	458.85	472.80	40.7	37.9	39.6	39.9	40.9	11.14	10.87	9.81	11.50	11.56
Aircraft & parts	499.65	457.85	488.11	490.64	466.23	42.2	39.3	41.4	41.3	42.5	11.84	11.65	11.79	11.88	10.97
Ship & boat building & repairing	435.31	378.38	512.40	357.20	390.14	43.1	37.8	48.8	38.0	38.4	10.10	10.01	10.50	9.40	10.16
Railroad equipment	424.10	422.56	416.62	443.90	421.74	37.9	38.0	37.0	38.4	39.6	11.19	11.12	11.26	11.56	10.65
Other transportation equipment	418.20	370.74	412.56	410.90	363.85	42.5	37.6	43.2	42.1	41.3	9.84	9.86	9.55	9.76	8.81
<u>Instruments & related products</u>	352.32	342.50	359.07	379.26	326.38	39.9	38.7	40.3	42.0	39.9	8.83	8.85	8.91	9.03	8.18
Measuring & controlling devices	358.09	345.86	351.95	389.58	351.46	39.7	38.6	39.5	43.0	41.3	9.02	8.96	8.91	9.06	8.51
Medical instruments & supplies	335.23	335.53	368.92	395.96	302.19	38.4	37.7	40.1	41.9	37.4	8.73	8.90	9.20	9.45	8.08
Other instruments & related prod.	362.51	344.51	361.65	336.00	292.39	42.3	40.2	42.2	40.0	39.3	8.57	8.57	8.57	8.40	7.44
Miscellaneous manufacturing industries	321.58	297.28	315.61	309.08	303.89	39.8	37.3	39.8	38.3	40.9	8.08	7.97	7.93	8.07	7.43

HOURS AND EARNINGS FOR
Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL
 (cont.)

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982
TOTAL NONDURABLE GOODS	\$285.39	\$269.09	\$281.62	\$281.24	\$267.78	37.7	35.5	37.3	37.3	37.4	\$ 7.57	\$ 7.58	\$ 7.55	\$ 7.54	\$ 7.16
<u>Food & kindred products</u>	328.55	315.00	327.60	330.62	304.87	39.3	37.5	39.0	39.5	38.3	8.36	8.40	8.40	8.37	7.96
Meat products	297.99	287.86	295.24	310.80	286.15	38.5	37.0	37.9	40.0	37.9	7.74	7.78	7.79	7.77	7.55
Meat packing plants	329.91	330.74	342.37	372.00	343.10	39.7	39.8	41.2	45.2	40.7	8.31	8.31	8.31	8.23	8.43
Sausages & other prepared meats	340.95	337.82	347.76	367.30	326.93	37.1	36.6	36.8	39.2	36.9	9.19	9.23	9.45	9.37	8.86
Poultry dressing & processing	233.47	209.33	211.70	212.06	202.92	38.4	34.6	35.7	35.7	36.3	6.08	6.05	5.93	5.94	5.59
Dairy products	330.01	318.80	315.61	323.05	304.96	41.2	40.0	39.9	41.9	41.1	8.01	7.97	7.91	7.71	7.42
Fluid milk	337.16	349.06	349.32	356.54	332.42	39.9	40.4	41.0	41.7	41.5	8.45	8.64	8.52	8.55	8.01
Other dairy products	323.17	292.25	286.26	292.17	283.97	42.3	39.6	39.0	42.1	40.8	7.64	7.38	7.34	6.94	6.96
Preserved fruits & vegetables	307.33	295.83	304.18	295.28	267.17	39.1	37.4	39.3	38.7	35.2	7.86	7.91	7.74	7.63	7.59
Canned fruits & vegetables	233.68	226.28	249.10	231.27	213.35	36.8	34.6	38.5	38.1	36.1	6.35	6.54	6.47	6.07	5.91
Other preserved fruits & vegetables	352.35	337.82	334.27	339.00	295.64	40.5	39.1	39.7	39.1	34.7	8.70	8.64	8.42	8.67	8.52
Grain mill products	383.37	358.53	425.34	425.18	384.96	39.0	37.0	41.7	41.2	40.1	9.83	9.69	10.20	10.32	9.60
Bakery products	318.92	311.40	314.36	315.38	311.33	37.3	36.0	36.3	36.8	38.2	8.55	8.65	8.66	8.57	8.15
Bread, cake & related prod.	327.22	323.96	320.04	322.71	318.59	37.1	36.4	36.0	36.3	38.2	8.82	8.90	8.89	8.89	8.34
Cookies & crackers	297.52	276.31	300.20	298.34	294.53	37.9	34.8	37.2	38.2	38.3	7.85	7.94	8.07	7.81	7.69
Sugar & confectionery prod.	350.37	329.87	349.27	342.60	317.68	39.5	37.4	37.6	38.8	38.6	8.87	8.82	8.82	8.83	8.23
Beverages	415.52	412.08	419.09	451.02	384.31	41.1	40.4	41.7	44.7	40.2	10.11	10.20	10.05	10.09	9.56
Other food & kindred products	289.57	268.05	281.39	275.89	251.84	40.9	37.7	39.8	39.3	37.7	7.08	7.11	7.07	7.02	6.68
<u>Tobacco manufacturers</u>	206.27	195.11	210.79	203.56	195.80	38.7	35.8	39.4	38.7	37.8	5.33	5.45	5.35	5.26	5.18
<u>Textile mill products</u>	225.07	206.71	219.41	211.85	210.90	37.7	34.8	37.0	36.4	37.0	5.97	5.94	5.93	5.82	5.70
Weaving mills, synthetics	240.20	228.27	243.01	241.40	235.62	39.9	38.3	40.1	40.1	39.8	6.02	5.96	6.06	6.02	5.92
Knitting mills	220.88	196.04	208.22	195.58	191.65	37.5	33.8	35.9	34.8	35.1	5.89	5.80	5.80	5.62	5.46
Knit outerwear mills	219.63	196.72	208.58	188.51	190.75	37.1	33.8	35.9	34.4	35.0	5.92	5.82	5.81	5.48	5.45
Knit underwear mills	200.93	178.97	193.55	184.25	172.38	36.6	32.6	35.0	35.5	33.8	5.49	5.49	5.53	5.19	5.10
Other knitting mills	244.45	213.76	224.35	221.90	214.18	39.3	35.1	36.9	35.0	36.8	6.22	6.09	6.08	6.34	5.82
Floor covering mills	274.74	253.76	276.36	261.89	274.28	38.0	36.2	39.2	37.2	38.2	7.23	7.01	7.05	7.04	7.18
Yarn & thread mills	195.29	195.96	196.51	189.19	183.17	36.3	35.5	36.8	35.9	36.2	5.38	5.52	5.34	5.27	5.06
Other textile mill prod.	227.10	212.36	227.77	231.72	233.04	37.6	34.7	37.4	38.3	39.7	6.04	6.12	6.07	6.05	5.87
<u>Apparel & other textile products</u>	176.69	163.92	176.80	172.90	176.93	32.6	30.3	32.5	31.9	33.7	5.42	5.41	5.44	5.42	5.25
Men's & boys' suits & coats	221.11	198.11	228.01	224.38	229.12	33.2	30.2	34.6	34.1	36.6	6.66	6.56	6.59	6.58	6.26
Men's & boys' furnishings	182.18	170.55	182.72	176.59	176.25	33.8	31.7	33.9	33.7	34.9	5.39	5.38	5.39	5.24	5.05
Men's & boys' shirts & nightwear	184.07	175.30	182.97	170.52	180.18	34.6	33.2	34.2	33.7	36.4	5.32	5.28	5.35	5.06	4.95
Men's & boys' separate trousers	179.49	163.27	180.18	180.49	191.88	31.6	29.0	31.5	33.3	36.0	5.68	5.63	5.72	5.42	5.33
Other furnishings & work clothing	182.32	170.35	184.10	180.54	163.02	34.4	31.9	35.0	34.0	32.8	5.30	5.34	5.26	5.31	4.97
Women's & misses' outerwear	159.73	150.44	159.76	156.29	166.80	30.6	28.6	30.2	29.6	32.2	5.22	5.26	5.29	5.28	5.18
Women's & children's undergarments	168.80	153.23	161.70	159.41	157.13	34.1	31.4	32.8	32.6	32.6	4.95	4.88	4.93	4.89	4.82
Children's outerwear	173.64	165.24	178.42	175.08	169.05	33.2	31.9	35.9	34.6	34.5	5.23	5.18	4.97	5.06	4.90
Other apparel & textile prod.	195.14	174.20	183.04	175.54	174.94	37.6	33.5	35.2	33.5	35.2	5.19	5.20	5.20	5.24	4.97

HOURS AND EARNINGS FOR
Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL
 (concl.)

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982	Mar. 1983	Feb. 1983	Jan. 1983	Dec. 1982	Mar. 1982
Paper & allied products	\$366.34	\$333.92	\$351.96	\$359.13	\$330.59	43.2	39.8	42.1	42.5	41.9	\$ 8.48	\$ 8.39	\$ 8.36	\$ 8.45	\$ 7.89
Paper mills exc. building paper	447.53	440.70	443.55	438.44	423.98	45.9	45.2	46.3	45.2	46.9	9.75	9.75	9.58	9.70	9.04
Paper board containers & boxes	356.49	312.48	343.13	346.04	308.50	41.5	37.2	40.8	41.0	39.1	8.59	8.40	8.41	8.44	7.89
Corrugated & solid fiber boxes	368.76	321.64	352.31	345.10	316.74	42.0	37.4	41.4	40.6	39.2	8.78	8.60	8.51	8.50	8.08
Other paperboard containers	343.58	303.03	333.66	347.77	298.75	41.0	37.0	40.2	41.5	38.9	8.38	8.19	8.30	8.38	7.68
Other paper & allied products	336.44	301.41	314.83	327.33	300.66	43.3	39.4	41.1	42.4	41.7	7.77	7.65	7.66	7.72	7.21
Printing & publishing	354.21	332.86	349.66	356.80	327.71	39.4	37.4	39.2	39.6	38.6	8.99	8.90	8.92	9.01	8.49
Newspapers	312.22	311.27	306.50	335.27	299.14	32.9	32.8	32.4	34.6	32.8	9.49	9.49	9.46	9.69	9.12
Books	331.71	313.58	327.02	329.60	299.52	40.7	37.6	39.4	40.0	39.0	8.15	8.34	8.30	8.24	7.68
Commercial printing	399.63	357.35	380.48	380.88	359.72	42.2	38.8	41.0	41.4	40.6	9.47	9.21	9.28	9.20	8.86
Lithographing	417.54	368.77	396.99	383.11	391.94	41.3	37.9	40.1	39.7	40.7	10.11	9.73	9.90	9.65	9.63
Other commercial printing	373.65	342.10	358.28	377.56	315.90	43.6	40.2	42.4	43.8	40.5	8.57	8.51	8.45	8.62	7.80
Manifold business forms	381.36	366.30	390.17	421.34	367.22	42.0	40.7	43.4	45.6	42.7	9.08	9.00	8.99	9.24	8.60
Other printing & publishing	305.22	304.24	323.21	331.24	294.12	38.2	37.7	40.1	39.2	38.7	7.99	8.07	8.06	8.45	7.60
Chemicals & allied products	408.63	396.98	397.79	406.72	375.87	40.7	39.5	40.1	41.0	40.2	10.04	10.05	9.92	9.92	9.35
Industrial inorganic chemicals	407.00	404.40	404.56	414.00	379.85	40.7	40.4	40.7	41.4	40.8	10.00	10.01	9.94	10.00	9.31
Plastic materials & synthetics	418.99	412.09	402.43	391.33	376.11	40.6	39.7	39.3	37.7	38.3	10.32	10.38	10.24	10.38	9.82
Drugs	443.81	413.68	427.58	440.37	415.91	41.4	39.1	40.8	41.9	39.8	10.72	10.58	10.48	10.51	10.45
Soap, cleaners & toilet goods	349.73	352.34	332.42	385.02	320.49	41.0	41.5	41.5	47.3	41.3	8.53	8.49	8.01	8.14	7.76
Paints & allied products	408.51	392.98	390.26	400.00	371.73	41.6	40.1	40.4	40.9	39.8	9.82	9.80	9.66	9.78	9.34
Other chemicals & allied prod.	387.25	385.32	383.76	383.38	355.47	39.8	39.0	39.0	39.2	41.0	9.73	9.88	9.84	9.78	8.67
Petroleum & coal products	588.72	537.97	542.67	528.73	520.25	44.6	41.8	42.1	42.4	42.4	13.20	12.87	12.89	12.47	12.27
Petroleum refining	637.58	571.62	571.81	556.75	544.43	44.9	42.0	42.2	42.5	42.6	14.20	13.61	13.55	13.10	12.78
Other petroleum & coal prod.	433.70	422.09	429.73	416.22	392.51	43.5	41.3	41.6	42.0	41.1	9.97	10.22	10.33	9.91	9.55
Rubber & misc. plastics products	310.95	295.28	303.67	305.92	292.32	40.7	38.7	39.8	40.2	40.6	7.64	7.63	7.63	7.61	7.20
Tires & inner tubes	428.28	409.24	413.65	395.21	397.99	41.3	40.2	41.2	39.8	41.5	10.37	10.18	10.04	9.93	9.59
Fabricated rubber prod., n.e.c.	358.57	346.82	355.20	355.10	364.59	40.7	39.1	40.0	41.1	43.3	8.81	8.87	8.88	8.64	8.42
Other rubber & plastic prod., n.e.c.	295.57	279.51	288.62	292.25	274.16	40.6	38.5	39.7	40.2	40.2	7.28	7.26	7.27	7.27	6.82
Leather & leather products	189.72	175.35	180.58	182.51	181.31	36.0	33.4	34.2	34.5	34.8	5.27	5.25	5.28	5.29	5.21
Footwear, exc. rubber	178.11	164.30	168.34	170.34	170.84	35.2	32.6	33.4	34.0	34.1	5.06	5.04	5.04	5.01	5.01
Men's footwear, exc. athletic	192.92	173.71	176.10	186.74	187.60	37.1	33.6	33.8	35.3	35.0	5.20	5.17	5.21	5.29	5.36
Women's footwear, exc. athletic	175.90	165.79	172.38	168.95	165.67	34.9	32.7	33.8	34.2	33.2	5.04	5.07	5.10	4.94	4.99
Other footwear	158.11	149.90	155.83	153.43	158.10	32.6	31.1	32.6	32.3	34.0	4.85	4.82	4.78	4.75	4.65
Other leather & leather prod.	235.80	225.94	243.84	225.57	217.56	39.3	37.1	38.4	36.5	37.0	6.00	6.09	6.35	6.18	5.88
SELECTED NONMANUFACTURING INDUSTRIES															
Anthracite Mining	380.46	364.59	401.74	405.89	428.40	36.2	35.5	37.9	38.4	42.0	10.51	10.27	10.60	10.57	10.20
Bituminous coal & lignite mining	516.20	496.60	501.42	556.75	503.79	38.9	38.2	38.9	42.5	40.4	13.27	13.00	12.89	13.10	12.47
Nonmetallic minerals, exc. fuels	372.73	365.82	377.39	351.95	359.98	42.5	40.2	41.2	40.5	41.0	8.77	9.10	9.16	8.69	8.78
Communication	459.03	451.24	459.03	455.83	414.18	39.2	38.8	39.2	39.5	38.6	11.71	11.63	11.71	11.54	10.73
Electric, gas, & sanitary services	498.73	503.52	495.60	497.70	467.32	41.7	42.1	42.0	42.0	42.6	11.96	11.96	11.80	11.85	10.97
Electric services	486.63	486.63	485.06	481.82	447.95	42.5	42.5	42.4	42.2	42.5	11.45	11.45	11.44	11.42	10.54
Gas production & distribution	389.86	405.41	431.78	427.22	409.76	37.2	38.5	41.2	41.0	41.6	10.48	10.53	10.48	10.42	9.85
General merchandise stores	154.66	147.11	151.20	160.17	153.72	28.8	27.6	28.8	31.1	28.0	5.37	5.33	5.25	5.15	5.49